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January 31, 2013

Ms. Jocelyn Boyd
Chief Clerk
Public Service Commission of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Mrs. Boyd:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of December 2012:

1. Monthly Fuel Cost Report (Exhibit A).
2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please do not hesitate to contact Brian Franklin at 980.373.4465.

Sincerely,

Timika Shafeek-Horton

Timika Shafeek-Horton

Attachments
cc: Dan Arnett, ORS
Shannon Hudson, ORS
John Flitter, ORS
Scott Elliott, SCEUC

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2012)

Line No.	Fuel Expenses:	December 2012
1	Fuel and fuel-related costs	$ 150,456,663
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	10,094,808
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 140,361,855
	MWH sales:	
4	Total system sales	6,738,544
5	Less intersystem sales	295,729
6	Total sales less intersystem sales	6,442,815
7	Total fuel and fuel-related costs (¢/KWH) (line 3/line 6)	2.1786
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 4 + Line 10)	1.8894
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	2,576,425
10	Biomass	126
11	Fuel Oil	(12)
12	Natural Gas - Combustion Turbine	6,646
13	Natural Gas - Combined Cycle	569,988
14	Total fossil	3,153,173
15	Nuclear 100%	4,491,871
16	Hydro - Conventional	83,306
17	Hydro - Pumped storage	(61,666)
18	Total hydro	21,640
19	Solar Distributed Generation	643
20	Total MWH generation	7,667,327
21	Less joint owners' portion	742,049
22	Adjusted total MWH generation	6,925,278

(a) Line 2 includes:

Fuel from intersystem sales (Schedule 3)	$ 10,084,325
Fuel in loss compensation	10,483
Total fuel recovered from intersystem sales	$ 10,094,808

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2012)

Fuel and fuel-related costs:	December 2012
Steam Generation - FERC Account 501	
0501016 coal blending merger savings	$ 1,260,522
0501016 coal procurement merger savings	(217,188)
0501016 transportation merger savings	6,683
0501110 coal consumed - steam	89,547,048
0501222-0501223 biomass/test fuel consumed @ avoided fuel cost	5,227
0501310 fuel oil consumed - steam	1,728,401
0501330 fuel oil light-off - steam	1,252,714
Total Steam Generation - Account 501	93,583,407
Environmental Costs	
0509000, 0557451 emission allowance expense	2,557
0502020, 030, 040 reagents expense	3,311,837
0502160 reagent procurement merger savings	(32,242)
Emission allowance gains	(986,432)
Total Environmental Costs	2,295,720
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	22,319,965
0518600 nuclear fuel disposal cost	4,224,676
Total Nuclear Generation - 100%	26,544,641
Less joint owners' portion	4,427,286
Total Nuclear Generation - Account 518	22,117,355
Other Generation - FERC Account 547	
0547100 natural gas consumed - Combustion Turbine	394,641
0547101 natural gas consumed - Combined Cycle	17,388,713
0547123 gas capacity merger savings	826,518
0547200 fuel oil consumed - Combustion Turbine	2,673
Total Other Generation - Account 547	18,612,545
Solar Distributed Generation @ Avoided Fuel Cost	26,729
Total fossil and nuclear fuel expenses included in base fuel component	136,635,756
Fuel component of purchased and interchange power per Schedule 3	10,900,863
Fuel related component of purchased power (economic accrual)	2,920,044
Total fuel and fuel-related costs	$ 150,456,663

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2012)

Other fuel expenses not included in fuel and fuel-related costs:	December 2012
Net proceeds from sale of by-products	$ 465,649
0501223 biomass non-fuel avoided cost	1,658
0501223 biomass excess above avoided cost	1,124
0501224 North Carolina incremental renewable fuel	(3,380)
0502080, 0502090, 0502150 sorbents	28,534
0509213 RECs consumption expense	-
0518610 spent fuel canisters-accrual	-
0518620 canister design expense	67,234
0518700 fuel cycle study costs	-
0547127 gas desk merger savings	13,802
Non-fuel component of purchased and interchanged power	5,109,219
Total other fuel expenses not included in fuel and fuel-related costs:	5,683,840
Less Solar Distributed Generation @ Avoided Fuel Cost	(26,729)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 5,657,111
Total FERC Account 501 - Total Steam Generation	93,582,809
Total FERC Account 518 - Total Nuclear Generation	22,184,589
Total FERC Account 547 - Other Generation	18,612,545
Total RECs consumption expense	-
Total Reagents Expense	3,308,129
Total Gain/Loss from Sale of By-Products	465,649
Total Emission Allowance Expense	2,557
Total Gain/Loss from Sale of Emission Allowances	(986,432)
Total Purchased and Interchanged Power Expenses	18,930,126
Total Merger Savings Excluded from Fuel Recovery	13,802
Total Fuel, Fuel Related and Purchased Power Expenses	$ 156,113,774

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

DECEMBER 2012

Purchased Power	Total	Capacity		Non-capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Alcoa Power Generating Inc.	$ 39,960	-	-	1,360	$ 24,376	$ 15,584
Blue Ridge Electric Membership Corp.	1,957,125	65	$ 880,627	41,007	656,664	419,834
City of Concord	2,227	-	233	44	-	1,994
City of Kings Mtn	8,979	3	8,979	-	-	-
Constellation	10,502	-	-	525	6,406	4,096
EDF Trading North America, LLC	1,372	-	-	49	837	535
Haywood Electric	471,188	20	200,655	8,824	165,025	105,508
Lockhart Power Co.	19,272	7	19,272	-	-	-
NCEMC	-	-	-	-	(12)	12
NCMPA	1,472,971	-	-	51,023	847,844	625,127
Piedmont Electric Membership Corp.	1,033,816	32	441,531	21,956	381,294	230,991
PJM Interconnection LLC	2,479,230	-	-	86,321	1,512,330	966,900
Rutherford Electric Membership Corp.	460,199	-	-	15,656	408,837	51,362
Southern	(6,776)	-	-	343	(4,133)	(2,643)
Town of Dallas	584	-	584	-	-	-
Town of Forest City	19,856	7	19,856	-	-	-
TVA	156,860	-	-	5,560	95,685	61,175
DE Progress - Native Load Transfer	5,764,001	-	-	204,090	4,161,618	1,602,383
DE Progress - Native Load Transfer Savings	420,611	-	-	-	420,611	-
DE Progress - Fees	63,533	-	-	-	-	63,533
Generation Imbalance	254,222	-	-	8,040	150,683	103,539
Energy Imbalance - Purchases	170,737	-	-	(3,304)	104,150	66,587
Energy Imbalance - Sales	(235,692)	-	-	-	(182,377)	(53,315)
	$ 14,564,777	134	$ 1,571,737	441,494	$ 8,729,838	$ 4,263,202

Purchased Power	Total	Capacity		Non-capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
Cargill Power Marketing	$ 1,513,395	-	-	25,870	$ 1,076,192	$ 437,203
Cherokee County Cogeneration Partners	4,047,044	-	$ 1,110,788	55,252	2,004,517	931,739
City of Charlotte	1,693	-	-	24	1,012	681
Concord Energy, LLC	211,637	-	-	2,981	124,001	87,636
Davidson Gas Producers, LLC	79,866	-	-	1,148	47,736	32,130
Dixon Dairy Road, LLC	38,953	-	-	612	25,459	13,494
Durham Landfill Electricity, LLC	102,051	-	-	1,760	73,195	28,856
Gas Recovery Systems, LLC	123,271	-	-	1,805	75,080	48,191
Gaston County	122,850	-	-	1,966	81,769	41,081
Greenville Gas Producer, LLC	80,213	-	-	1,643	68,365	11,848
Lockhart - Lower Pacolet Hydro	15,020	-	-	221	9,189	5,831
Lockhart Power Company	67,140	-	-	1,046	43,505	23,635
Lynwood Solar, LLC	623	-	-	13	557	66
Nypro, Inc.	1,058	-	-	21	859	199
Ronnie B. Powers	1,134	-	-	22	929	205
Sun Edison, LLC	126,189	-	-	1,861	77,426	48,763
Tencarva Machinery Company	851	-	-	16	679	172
WM Renewable Energy, LLC	111,506	-	-	1,650	68,628	42,878
Other Cogens, Purpa and Small Power Producers	668,893			13,599		668,893
	$ 7,313,386	-	$ 1,110,788	111,609	$ 3,779,098	$ 2,423,500
TOTAL PURCHASED POWER	$ 21,878,163	134	$ 2,682,525	553,003	$ 12,508,936	$ 6,686,702
INTERCHANGES IN						
Other Catawba Joint Owners	4,144,278	-	-	387,513	2,113,025	2,031,253
Total Interchanges In	4,144,278	-	-	387,513	2,113,025	2,031,253
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,861,588)	(866)	(134,209)	(638,867)	(3,530,914)	(3,196,465)
Catawba- Net Negative Generation	(230,727)	-	-	(8,770)	(190,184)	(40,543)
Total Interchanges Out	(7,092,315)	(866)	(134,209)	(647,637)	(3,721,098)	(3,237,008)
Net Purchases and Interchange Power	$ 18,930,126	(732)	$ 2,548,316	292,879	$ 10,900,863	$ 5,480,947

NOTE: Detail amounts may not add to totals shown due to rounding.
As of December 2012, non-fuel costs related to mitigation losses and sharing of mitigation loss margins are no longer presented on this report.

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

DECEMBER 2012

	Total	Capacity		Non-capacity		
SALES	$	MW	$	MWH	Fuel $	Non-fuel $
Market Based:						
Constellation Power Sources	$ 2,100	-	-	50	$ 1,856	$ 244
NCMPA	133,891	50	$ 87,500	1,030	31,919	14,472
PJM Interconnection LLC	40,171	-	-	829	30,397	9,774
Southern	-	-	-	-	(223)	223
The Energy Authority	70,760	-	-	995	41,932	28,828
Other:						
Cargill-Alliant, LLC - Mitigation sales	1,998,312	-	(695,000)	103,400	3,366,951	(673,639)
DE Progress - Native Load Transfer Savings	406,814	-	-	-	406,814	-
DE Progress - Native Load Transfer	6,444,056	-	-	182,222	6,022,212	421,844
DE Progress - Off System Sales/PJM Share	1,728	-	-	11	422	1,306
DE Progress - Purchases	137,842	-	-	5,722	137,842	-
Generation Imbalance	64,353	-	-	1,470	44,203	20,150
BPM Transmission	(13,778)	-	-			(13,778)
Total Intersystem Sales	**$ 9,286,249**	**50**	**$ (607,500)**	**296,729**	**$ 10,084,325**	**$ (190,576)**

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
December 2012
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	508,809,647	424,093,467	670,746,809	1,603,649,923
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	1.9489	1.9489	1.9489	1.9489
3	Merger fuel savings decrement (¢/kWh)	Input	(0.0643)	(0.0643)	(0.0643)	(0.0643)
4	Net billed base fuel rate (¢/kWh)	L2 + L3	1.8846	1.8846	1.8846	1.8846
5	Billed base fuel expense	L1 * L4 /100	$9,589,027	$7,992,465	$12,640,894	$30,222,386
6	Incurred base fuel rate (¢/kWh)	Input	2.1014	2.1014	2.1014	2.1014
7	Incurred base fuel expense	L1 * L6 / 100	$10,691,881	$8,911,696	$14,094,750	$33,698,327
8	Difference in ¢/kWh (Billed - Incurred)	L4 - L6	(0.2168)	(0.2168)	(0.2168)	(0.2168)
9	Base fuel over/(under) recovery	L1 * L8 / 100	($1,102,854)	($919,231)	($1,453,856)	($3,475,941)
	Environmental component of recovery					
10	Billed rates by class (¢/kWh)	Input	(0.0008)	0.0036	0.0097	0.0048
11	Billed environmental expense	L1 * L10 / 100	($4,070)	$15,267	$65,062	$76,259
12	Incurred rate by class (¢/kWh)	Input	0.0410	0.0354	0.0228	0.0319
13	Incurred environmental expense	L1 * L12 / 100	$208,592	$150,106	$152,950	$511,648
14	Difference in ¢/kWh (billed - incurred)	L10 - L12	(0.0418)	(0.0318)	(0.0131)	(0.0271)
15	Environmental over/(under) recovery	L11 - L13	($212,662)	($134,839)	($87,888)	($435,389)
	Economic purchase component of recovery					
16	S.C. kWh sales % by class	L1 / L1T	31.73%	26.45%	41.83%	100.00%
17	Economic purchase accrual	L16 * L17T	($230,605)	($192,210)	($303,999) $	(726,814)
18	Over / (under) recovery	L9 + L15 + L17	($1,546,121)	($1,246,280)	($1,845,743)	($4,638,144)
19	Prior period adjustment	Input				
20	Total over / (under) recovery	L18 + L19	($1,546,121)	($1,246,280)	($1,845,743)	($4,638,144)

Year 2012-2013

	Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
_/1	Balance ending May 2012	$48,990,906				
	June	53,476,590	$1,343,048	$1,285,908	$1,856,728	$4,485,684
	July	50,799,022	(823,121)	(726,165)	(1,128,282)	(2,677,568)
	August	56,949,138	2,136,571	1,735,521	2,278,024	6,150,116
	September	67,674,470	3,255,839	3,109,956	4,359,537	10,725,332
_/2	October	63,234,631	(1,148,653)	(1,291,044)	(2,000,142)	(4,439,839)
	November	50,191,517	(3,550,681)	(3,641,800)	(5,850,653)	(13,043,114)
	December	$45,553,373	($1,546,121)	($1,246,280)	($1,845,743)	($4,638,144)
	January					
	February					
	March					
	April					
	May					

Notes:

Detail amounts may not recalculate due to percentages presented as rounded.

_/1 May 2012 ending balance reflects adjustments pursuant to Docket No. 2012-3-E - Order No. 2012-779.

_/2 Includes a prior period adjustment to offset June and July corrections which have been reflected in the May 2012 ending balance (see footnote _/1).

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
December 2012

Description	Allen Steam	Belews Creek Steam	(G) Buck Steam/CT	Buck Gas/CC	Catawba Nuclear	(H) Cliffside Steam	(G), (I) Dan River Gas/CC	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	(G) Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME December 2012
Cost of Fuel Received																	
Coal (A)	$8,716,385	$39,220,408	-			$7,787,232	$ (398,873)	$0		$32,198,785				$0		$87,523,916	$1,128,213,510
Biomass	-		-					-						-		-	4,306
Fuel Oil	238,479	451,701	145,176.61			2,537,626		305,455	-	544,643		-		96,976	-	4,320,056	58,186,828
Gas - CT			$380					33,768	$15,113			$89,027		-	$278,343	394,641	29,840,791
Gas - CC				$13,008,548			$4,380,167									17,388,713	112,182,561
Total	$8,954,863	$39,672,109	$145,556	$13,008,548		$10,324,857	$3,981,294	$339,222	$15,113	$32,743,428		$89,027		$96,976	$278,343	$109,627,327	$1,328,397,997
Received (¢/MBTU) Avg																	
Coal (A)	450.20	399.19				481.11				404.49						411.83	405.67
Biomass	-	-	-			-		-	-	-		-		-	-	-	614.32
Fuel Oil	2,319.60	2,338.31	2,289.65			2,273.41		2,491.07	-	2,407.58		-		2,305.11	-	2,314.63	2,285.67
Gas - CT			-					869.18	617.89			522.30		-	380.73	384.47	283.13
Gas - CC				416.14			380.98									416.14	350.48
Weighted Average	500.71	402.99	2,305.82	416.14		573.46	346.27	2,100.84	617.89	410.15		522.30		2,305.11	380.73	424.60	410.97
Cost of Fuel Burned($) (C)																	
Coal (D)	$2,390,373	$48,830,770	$612,651			$4,916,836	($398,873)	$0		$32,228,086				$967,205		$89,547,048	$1,054,162,890
Biomass (E)	-	-	8,009			-		-		-				-		8,009	94,212
Fuel Oil (F)	223,899	397,218	72,976			2,055,689		2,009	$864	168,771		-		64,565	-	2,983,788	44,874,641
Gas - CT			390					33,768	15,113			$89,027		-	$278,343	394,641	29,840,791
Gas - CC				$13,008,548			$4,380,167									17,388,713	112,182,561
Nuclear					$5,482,435						$9,073,284		$11,988,922			26,544,641	323,785,335
Total	$2,614,272	$49,227,988	$694,023	$13,008,548	$5,482,435	$6,972,524	$3,981,294	$35,777	$15,777	$32,394,857	$9,073,284	$89,027	$11,988,922	$1,031,770	$278,343	$136,868,840	$1,564,910,117
Burned (¢/MBTU) Avg																	
Coal	431.07	400.33	426.72			323.97		-		343.73				415.31		372.77	397.31
Biomass	-	-	516.01			-		-		-				-		516.01	548.57
Fuel Oil	2,289.42	2,325.48	2,148.84			2,281.59		2,093.06	1,070.35	2,347.90		-		2,202.09	-	2,285.59	2,193.43
Gas - CT			-					869.18	617.89			522.30		-	380.73	384.47	283.13
Gas - CC				416.14			380.98									416.14	350.48
Nuclear					58.78						65.09		61.47			58.69	68.70
Weighted Average	463.27	403.02	467.29	416.14	58.78	433.87	346.27	698.89	629.07	345.25	55.09	522.30	61.47	437.53	380.73	185.39	177.64
Generated (¢/kWh) Avg																	
Coal	4.56	3.65	4.74			2.97	INF	(B)		3.26				4.82		3.48	3.77
Biomass	-	-	6.37			-	-	-		-				-		6.37	6.90
Fuel Oil	-	-	-			-	-	33.49	(B)	-		-		-	-	(B)	653.67
Gas - CT			-					13.35	(B)			9.32		-	4.35	5.94	3.26
Gas - CC				2.97			3.31									3.05	2.54
Nuclear					0.60						0.68		0.62			0.59	0.67
Weighted Average	4.59	3.68	5.32	2.97	0.60	4.22	3.01	(B)	(B)	3.26	0.56	9.32	0.62	5.14	4.35	1.79	1.73
Burned MBTU's																	
Coal	554,525	12,197,670	143,572			1,517,696		-		9,375,658				232,885		24,022,206	268,322,410
Biomass	-	-	1,552			-		-		-				-		1,552	17,237
Fuel Oil	9,784	17,081	3,398			90,099		96	62	7,103		-		2,932	-	130,553	2,045,887
Gas - CT			-					3,885	2,448			13,216		-	72,583	92,130	10,539,671
Gas - CC				3,125,996			1,149,778									4,275,774	31,999,871
Nuclear					9,330,798						16,488,591		19,505,058			45,304,445	571,043,310
Total	564,309	12,214,751	148,520	3,125,996	9,330,798	1,607,795	1,149,778	3,981	2,509	9,382,961	16,488,591	13,216	19,505,058	235,817	72,583	73,826,660	880,968,365
Net Generation (mWh)																	
Coal	52,384	1,337,659	12,916			165,312		(791)		988,882				20,083		2,576,425	27,969,376
Biomass	-	-	128			-		-		-				-		128	1,365
Fuel Oil	-	-	-			-	-	6	(16)	-		-		-	-	(12)	6,865
Gas - CT			-					253	(706)			741		-	6,358	6,646	916,328
Gas - CC				437,748			132,240									569,988	4,418,878
Nuclear 100%					918,901						1,632,770		1,940,200			4,491,871	58,444,931
Hydro (Total System)																21,840	759,005
Solar (Total System)																643	10,479
Total	52,384	1,337,659	13,042	437,748	918,901	165,312	132,240	(532)	(724)	988,882	1,632,770	741	1,940,200	20,083	6,358	7,667,327	90,527,227
Cost of Reagents Consumed ($)																	
Ammonia	-	$1,293,269	-	$15,548		$0				-				-		$1,308,817	$8,745,142
Limestone (D)	$168,018	713,455	-	-		181,455				$596,440				-		1,657,368	14,232,621
Urea	52,377	-	-	-		-				313,276				-		365,653	3,714,744
Organic Acid	-	-	-	-		-				-				-		-	-
Sorbents	28,634	-	-	-		-				-				-		28,634	295,171
Total	$248,029	$2,006,724	-	$15,548		$181,455				$909,716				-		$3,360,471	$27,987,678

(A) Coal receipts exclude 6,412 tons and $367,728 associated with terminals for the current month.
(A) Cost of coal received includes a transfer of inventory from Dan River to Belews Creek valued at $398,873 in the current month and $8,768,455 for the twelve months ended.
(A) Cost of the coal inventory transfer between Dan River to Belews Creek nets to zero in the current month with the exception of the $31,000 cost of freight reported in cost of coal received at Belews Creek.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Cost of fuel burned excludes $2,567 associated with emission allowance expense for the month and $51,729 for the twelve months ended.
(D) The current month and twelve months ended data include an annual aerial survey adjustment recorded in Dec 2012.
(D) Cost of coal burned includes a $398,873 reduction in consumption expense at Dan River Station following a true-up to physical inventory
(E) Cost of biomass burned is reported at book cost prior to the reclassification of fuel expense applicable to NC renewable energy which is -$3,380 for the month and -$19,267 for the twelve months ended.
(F) Cost of fuel oil burned includes $0,000 in diesel fuel costs for on-site standby generators for the month and $24,385 for the twelve months ended
(G) The following CT units were retired October 1, 2012: Buck units 7, 8, & 9; Dan River units 4, 5, & 6; Riverbend units 8, 9, 10, & 11; and Buzzard Roost units 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15
(H) Cliffside unit 6 was placed in service December 30, 2012.
(I) Dan River coal units 1, 2, & 3 were retired April 1, 2012. Dan River combined cycle plant was placed in service December 10, 2012.
Notes:
Detail amounts may not add to totals shown due to rounding.
Fuel cost information on this report does not reflect intercompany sharing of fuel-related merger savings between Duke Energy Carolinas and Progress Energy Carolinas.
Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.

Exhibit A
Schedule 6

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
December 2012

Description	Allen Steam	Belews Creek Steam	(G) Buck Steam/CT	Buck Gas/CC	(H) Cliffside Steam	(G), (I) Dan River Gas/CC	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	(G) Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME December 2012
Coal Data:														
Beginning balance	760,008	1,845,337	63,282		501,147	-	130,167		1,281,389		166,560		4,767,889	4,139,359
Tons received during period	80,839	395,278	-		79,176	-	-		325,533		-		880,826	11,336,466
Inventory adjustments (A)	126	985	204		1,160	-	-		(3,348)		-		(872)	(30,216)
Tons burned during period (B)	23,723	490,948	6,092		49,638	-	-		322,476		9,497		902,371	10,700,138
Ending balance (C)	837,250	1,750,652	57,394		531,846	-	130,167		1,281,100		157,063		4,745,471	4,745,471
MBTUs per ton burned	23.37	24.85	23.57		30.58	-	-		29.07		24.52		26.62	24.80
Cost of ending inventory ($/ton) (C)	100.75	99.83	100.21		102.41	-	99.90		100.21		101.85		100.38	100.38
Biomass/Test Fuel Data:														
Beginning balance			263				-						263	2,222
Tons received during period			-				-						-	95
Inventory adjustments			-				-						-	2
Tons burned during period			195				-						195	2,251
Ending balance			68				-						68	68
Cost of ending inventory ($/ton)			41.07				-						41.07	41.07
Fuel Oil Data:														
Beginning balance	96,192	229,500	280,942		34,370	92,507	486,035	9,816,405	205,745	3,984,186	128,412	2,968,560	18,324,854	15,333,863
Gallons received during period	74,898	140,648	45,836		803,672	-	89,915	-	164,590	-	30,587	-	1,350,146	18,716,498
Miscellaneous usage, transfers and adjustments	(5,909)	(8,546)	(1,017)		(3,830)	(1)	(2,589)	-	(29,585)	-	(222)	-	(51,057)	(518,854)
Gallons burned during period (D)	71,279	124,258	24,658		650,873	-	704	444	51,681	-	21,315	-	945,854	14,853,318
Ending balance	93,902	237,344	301,103		183,339	92,506	572,657	9,817,961	289,069	3,984,186	137,462	2,968,560	18,678,089	18,678,089
Cost of ending inventory ($/gal)	3.14	3.20	2.96		3.14	3.06	2.85	1.49	3.23	2.99	3.03	2.47	2.13	2.13
Gas Data: (E)														
Beginning balance														
MCF received during period (F)			-	3,075,746		1,130,936	3,817	2,407		13,033	-	71,361	4,297,300	41,956,759
MCF burned during period (F)			-	3,075,746		1,130,936	3,817	2,407		13,033	-	71,361	4,297,300	41,956,759
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	25,579	47,943			25,304				52,957				151,783	215,543
Tons received during period	-	6,851			-				13,136				19,988	338,745
Tons consumed during period (B)	4,673	22,989			5,185				19,552				52,399	434,919
Ending balance	20,906	31,805			20,119				46,540				119,370	119,370
Cost of ending inventory ($/ton)	35.77	31.02			30.65				30.51				31.59	31.59

(A) Coal inventory adjustments include a transfer from Dan River to Belews Creek of 3,909 tons in the current month and 85,903 tons for the twelve months ended. The tons transferred between the stations net to zero.
(A) Coal inventory adjustments include a 3,909 ton increase at Dan River Station following a true-up to physical inventory.
(B) The current month and twelve months ended data include an annual aerial survey adjustment recorded in Dec 2012.
(C) Coal Inventory Ending Balance excludes 6,412 tons and $367,728 associated with terminals for the current month.
(D) Total gallons of fuel oil burned includes 642 gallons of diesel fuel oil for on-site standby generators for the month and -5,887 for the twelve months ended. Monthly consumption is reported on a month lag due to timing of data availability. Offsetting activity for the on-site standby generator consumption is reported as miscellaneous usage, transfers and adjustments.
(E) Gas is burned as received; therefore, inventory balances are not maintained.
(F) Twelve months ended Gas MCF received and burned includes 31,563,495 attributable to combined cycle plant activity.
(G) The following CT units were retired October 1, 2012: Buck units 7, 8, & 9; Dan River units 4, 5, & 6; Riverbend units 8, 9, 10, & 11; and Buzzard Roost units 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15.
(H) Cliffside unit 6 was placed in service December 30, 2012.
(I) Dan River coal units 1, 2, & 3 were retired April 1, 2012. Dan River combined cycle plant was placed in service December 10, 2012.

Notes:
Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 6

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
December 2012

STATION	TYPE		QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT		-	-	-
	CONTRACT		80,839	$ 8,000,372.60	$ 98.97
	ADJUSTMENTS		-	716,012.16	-
	TOTAL		80,839	8,716,384.76	107.82
BELEWS CREEK	SPOT		-	-	-
	CONTRACT		395,278	36,360,329.11	91.99
	ADJUSTMENTS	(A)	3,909	2,860,078.67	731.74
	TOTAL		399,186	39,220,407.78	98.25
CLIFFSIDE	SPOT		-	-	-
	CONTRACT		79,176	7,226,032.40	91.27
	ADJUSTMENTS		-	561,199.28	-
	TOTAL		79,176	7,787,231.68	98.35
DAN RIVER	SPOT		-	-	-
	CONTRACT		-	-	-
	ADJUSTMENTS	(A)	(3,909)	(398,872.65)	102.05
	TOTAL		(3,909)	(398,872.65)	102.05
MARSHALL	SPOT		-	-	-
	CONTRACT		325,533	31,191,548.61	95.82
	ADJUSTMENTS		-	1,007,215.95	-
	TOTAL		325,533	32,198,764.56	98.91
ALL PLANTS	SPOT		-	-	-
	CONTRACT		880,826	82,778,282.72	93.98
	ADJUSTMENTS		-	4,745,633.41	-
	TOTAL		880,826	$ 87,523,916.13	$ 99.37

(A) 3,908.60 coal tons were transferred from Dan River station to Belews Creek station.
The book cost of coal tons transferred was $398,872.65 plus the $51,000.00 cost of freight.

Exhibit A
Schedule 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
December 2012

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	16.01	7.10	10,998	3.47
Belews Creek	6.86	10.31	12,428	1.35
Cliffside	7.72	19.76	10,665	1.34
Marshall	6.61	11.74	12,227	1.41

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
December 2012

Station	Allen	Belews Creek	Buck	Cliffside	Lee	Marshall	Riverbend
Vendor		HighTowers	HighTowers	HighTowers	HighTowers	High Towers	High Towers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0	0	0	0	0
Gallons Received	74,898	140,648	45,836	803,672	89,915	164,590	30,587
Total Delivered Cost	$ 238,478.54	$ 451,701.49	$ 145,176.81	$ 2,537,625.23	$ 305,454.77	$ 544,643.39	$ 96,976.08
Delivered Cost/Gal	$ 3.18	$ 3.21	$ 3.17	$ 3.16	$ 3.40	$ 3.31	$ 3.17
BTU/Gallon	137,264	137,467	137,723	138,890	136,374	137,446	137,538

Note A: Total delivered cost for receipts from HighTowers Petroleum.

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

January, 2012 - December, 2012

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,647,480	2,538	92.62	91.26
McGuire	17,968,152	2,200	92.98	89.04
Catawba	17,829,299	2,258	89.89	87.89

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
January 2012 through December 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,685,065	1,110	78.82	90.70
Belews Creek 2	6,305,060	1,110	64.67	85.20

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
January 2012 through December 2012
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	1,144,368	555	23.49	89.57
Marshall 1	1,078,626	380	32.31	84.84
Marshall 2	1,370,510	380	41.06	87.87
Marshall 3	3,263,260	658	56.46	88.39
Marshall 4	3,902,223	660	67.31	87.65

Note: This report is limited to capturing data beginning the first full month a unit is in commercial operation.

Cliffside unit 6 began pre-commercial operation in June 2012 and commercial operation on December 30, 2012. Cliffside unit 6 net generation (mWh) within the twelve month period was as follows:

June 2012:	1,496 mWh; pre-commercial
July 2012:	77,787 mWh; pre-commercial
August 2012:	212,376 mWh; pre-commercial
September 2012:	139,874 mWh; pre-commercial
October 2012:	(1,302) mWh; pre-commercial (auxiliaries only)
November 2012:	170,464 mWh; pre-commercial
December 2012:	168,280 mWh; pre-commercial & commercial combined

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
January 2012 through December 2012
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	100,069	162	7.03	88.77
Allen 2	78,152	162	5.49	89.76
Allen 3	606,229	261	26.44	92.76
Allen 4	777,282	276	32.06	95.97
Allen 5	386,992	266	16.56	86.90
Buck 5	146,714	128	13.05	98.94
Buck 6	73,215	128	6.51	99.53
Dan River 1	-1,373	67	0.00	100.00
Dan River 2	-166	67	0.00	100.00
Dan River 3	-396	142	0.00	100.00
Lee 1	19,113	100	2.18	99.86
Lee 2	29,392	100	3.35	97.96
Lee 3	80,920	170	5.42	99.24
Riverbend 4	26,139	94	3.17	99.31
Riverbend 5	23,562	94	2.85	99.57
Riverbend 6	45,321	133	3.88	98.84
Riverbend 7	61,489	133	5.26	99.15

Note:

Dan River units 1, 2, & 3 were retired April 1, 2012.

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
January,2012 through December,2012
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-180	47	66.67
Buzzard Roost CT	-868	132	89.99
Dan River CT	-153	36	87.48
Lee CT	55,780	82	98.88
Lincoln CT	28,506	1,264	94.26
Mill Creek CT	125,402	592	91.10
Riverbend CT	-725	48	100.00
Rockingham CT	715,431	825	56.55

Note:

The following units were retired October 1, 2012:

Buck CT units 7, 8, & 9
Buzzard Roost CT units 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15.
Dan River CT units 4, 5, & 6
Riverbend CT units 8, 9, 10, & 11.

Duke Energy Carolinas
Power Plant Performance
12 Months Ended December 2012

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants:			
Bridgewater	41,458	31.500	91.45
Cedar Creek	93,606	45.000	98.80
Cowans Ford	100,905	325.200	95.61
Dearborn	104,232	42.000	76.44
Fishing Creek	91,594	49.000	99.77
Gaston Shoals	16,221	2.000	42.52
Great Falls	7,948	12.000	98.36
Keowee	41,997	152.000	99.35
Lookout Shoals	67,912	27.900	81.28
Mountain Island	71,839	62.000	98.51
Ninety Nine Island	49,577	6.400	98.54
Oxford	77,315	40.000	79.75
Rhodhiss	46,476	30.000	91.65
Rocky Creek	(191)	-	-
Tuxedo	19,953	6.400	72.67
Wateree	125,831	85.000	92.02
Wylie	85,879	72.000	92.34
Nantahala	206,704	50.000	97.25
Queens Creek	2,618	1.440	94.60
Thorpe	69,509	19.700	83.02
Tuckasegee	5,988	2.500	84.40
Tennessee Creek	26,421	9.800	92.95
Bear Creek	24,861	9.450	99.96
Cedar Cliff	17,699	6.400	93.54
Mission	1,557	0.600	86.46
Franklin	1,489	0.600	74.58
Bryson	1,208	0.480	99.86
Total Conventional	1,400,604		
Pumped Storage Plants:			
Jocasee	928,617	780.000	91.64
Bad Creek	1,752,364	1,360.000	95.79
Subtotal	2,680,981		
Energy for Pumping:			
Jocasee	(1,103,984)		
Bad Creek	(2,218,596)		
Subtotal	(3,322,580)		
Generation less Energy for Pumping			
Jocassee	(175,367)		
Bad Creek	(466,232)		
Total Pumped Storage	(641,599)		

NOTE(S):
Capacity MW amounts varied across the range of time indicated.
The amounts shown represent the capacity effective as of the period end date.

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
January 2012 through December 2012
Combined Cycle Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Buck CC 10	4,167,226	620	76.52	89.93

Note: This report is limited to capturing data beginning the first full month a station is in commercial operation.

Dan River CC began pre-commercial operation in July 2012 and commercial operation on December 10, 2012. Dan River CC net generation (mWh) within the twelve month period was as follows:

July 2012:	935 mWh; pre-commercial
August 2012:	3,526 mWh; pre-commercial
September 2012:	2,209 mWh; pre-commercial
October 2012:	8,488 mWh; pre-commercial
November 2012:	104,254 mWh; pre-commercial
December 2012:	1,986 mWh; pre-commercial
December 2012:	135,081 mWh; commercial

Duke Energy Carolinas
Month Ending: December 2012
Dollars reported in ($)

		Gross Savings			Allocated Savings		DE Carolinas
		DE Carolinas	DE Progress	Combined	DE Carolinas	DE Progress	SC Retail portion
1	Joint Dispatch	$ 1,301,356	$ 800,756	$ 2,102,112	$ 1,287,559	$ 814,553	$ 320,480
2	Coal Blending	3,283,962	-	3,283,962	2,023,440	1,260,522	503,645
3	Coal Procurement	113,682	428,992	542,674	330,870	211,804	82,355
4	Coal Transportation	608,727	370,382	979,109	602,044	377,065	149,852
5	Reagent Procurement & Transportation	49,572	83,138	132,710	81,814	50,896	20,364
6	Natural Gas Capacity	2,159,479	-	2,159,479	1,332,961	826,518	331,781
7	Natural Gas Trading	35,954	-	35,954	22,152	13,802	5,514
		$ 7,552,732	$ 1,683,268	$ 9,236,000	$ 5,680,839	$ 3,555,161	$ 1,413,990
	Resource ratio %	61.25%	38.75%	100.00%			
	Billed Sales (MWH)				6,442,815		1,603,650
	Sales allocation %						24.89%

Twelve Months Ending: December 2012

		Gross Savings			Allocated Savings		DE Carolinas
		DE Carolinas	DE Progress	Combined	DE Carolinas	DE Progress	SC Retail portion
1	Joint Dispatch	$ 11,328,001	$ 2,820,298	$ 14,148,300	$ 8,316,083	$ 5,832,217	$ 2,111,074
2	Coal Blending (a)	23,524,131	-	23,524,131	17,514,516	6,009,615	4,480,399
3	Coal Procurement (a)	1,624,630	2,475,010	4,099,640	2,399,044	1,700,596	610,010
4	Coal Transportation (a)	2,181,451	1,805,939	3,987,390	2,165,421	1,821,969	548,895
5	Reagent Procurement & Transportation	450,300	689,849	1,140,149	560,574	579,575	142,661
6	Natural Gas Capacity	4,754,353	-	4,754,353	2,807,572	1,946,781	703,365
7	Natural Gas Trading	215,724	-	215,724	127,540	88,185	32,321
		$ 44,078,591	$ 7,791,096	$ 51,869,687	$ 33,890,749	$ 17,978,938	$ 8,628,725

Total-to-date: December 2012

		Target	Gross Savings			Allocated Savings		DE Carolinas
			DE Carolinas	DE Progress	Combined	DE Carolinas	DE Progress	SC Retail portion
1	Joint Dispatch	$ 318,955,000	$ 11,328,001	$ 2,820,298	$ 14,148,300	$ 8,316,083	$ 5,832,217	$ 2,111,074
2	Coal Blending (a)	259,800,000	23,524,131	-	23,524,131	17,514,516	6,009,615	4,480,399
3	Coal Procurement (a)	45,950,000	1,624,630	2,475,010	4,099,640	2,399,044	1,700,596	610,010
4	Coal Transportation (a)	30,395,000	2,181,451	1,805,939	3,987,390	2,165,421	1,821,969	548,895
5	Reagent Procurement & Transportation	12,800,000	450,300	689,849	1,140,149	560,574	579,575	142,661
6	Natural Gas Capacity	16,900,000	4,754,353	-	4,754,353	2,807,572	1,946,781	703,365
7	Natural Gas Trading	2,000,000	215,724	-	215,724	127,540	88,185	32,321
		$ 686,800,000	$ 44,078,591	$ 7,791,096	$ 51,869,687	$ 33,890,749	$ 17,978,938	$ 8,628,725

(a) Includes January – June 2012 savings associated with fuel-related savings guarantee, retained by the originating company.

Note: Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 11

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: December, 2012

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	None					
McGuire	1	None					
	2	12/01/2012 - 12/02/2012	23.65	UNSCHEDULED	TURBINE TRIP DUE TO INCORRECT TURBINE INLET PRESSURE SETPOINT	ENGINEERING MODIFICATION SETPOINT ERROR .	DEVELOPED NEW SETPOINTS .
Catawba	1	11/24/2012 - 12/20/2012	460.42	SCHEDULED	END-OF-CYCLE 20 REFUELING OUTAGE .	REFUEL AND MAINTENANCE . .	REFUEL AND MAINTENANCE .
	1	12/20/2012 - 12/20/2012	8.00	UNSCHEDULED	OUTAGE DELAYED 0.33 DAYS DUE TO REFUELING EQUIPMENT PERFORMANCE DEFICIENCIES	REFUELING EQUIPMENT FAILURES .	REPAIRED REFUELING EQUIPMENT .

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: December, 2012

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
	1	12/20/2012 - 12/24/2012	93.00	UNSCHEDULED	OUTAGE DELAYED 3.88 DAYS DUE TO REACTOR COOLANT PUMP SEAL INJECTION CHECK VALVE FAILURE	REACTOR COOLANT PUMP SEAL CHECK VALVE FAILURE .	REPAIR REACTOR COOLANT PUMP SEAL CHECK VALVE .
	1	12/24/2012 - 12/28/2012	94.62	UNSCHEDULED	OUTAGE DELAYED 3.94 DAYS DUE TO AUXILIARY FEEDWATER PUMP TURBINE FAILURE DURING TESTING	AUXILIARY FEEDWATER PUMP TURBINE FAILURE .	REPAIR AUXILIARY FEEDWATER PUMP .
	1	12/28/2012 - 12/28/2012	3.70	SCHEDULED	MAIN TURBINE OVERSPEED TRIP TEST .	SCHEDULED OVERSPEED TEST .	COMPLETED SCHEDULED OVERSPEED TEST .
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2012

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	12/2/2012 10:02:00 PM To 12/3/2012 11:05:00 PM	Unsch	1050	Second Superheater Leaks	BOILER TUBE LEAK,SSH.	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	12/14/2012 1:58:00 PM To 12/17/2012 7:03:00 AM	Unsch	1050	Second Superheater Leaks	BOILER TUBE LEAK,SSH.	

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

December 2012
Oconee Nuclear Station

	Unit 1		Unit 2		Unit 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	640302	101.73	647687	102.90	652211	103.62
(D1) Net MWH Not Gen Due To Full Schedule Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1826	0.29	0	0.00	213	0.03
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-12704	-2.02	-18263	-2.90	-23000	-3.65
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00%	629424	100.00%	629424	100.00%
(I) Equivalent Availability		99.71		100.00		99.97
(J) Output Factor		101.73		102.90		103.62
(K) Heat Rate		10,132		10,052		9,976

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

December 2012
McGuire Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	861255	105.24	771515	94.27
(D1) Net MWH Not Gen Due To Full Schedule Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	53512	6.54
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	26015	3.18
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-42855	-5.24	-32642	-3.99
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00%	818400	100.00%
(I) Equivalent Availability		100.00		89.60
(J) Output Factor		105.24		97.37
(K) Heat Rate		10,040		10,138

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

December 2012
Catawba Nuclear Station

	Unit 1		Unit 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	54805	6.52	864096	102.87
(D1) Net MWH Not Gen Due To Full Schedule Outages	523991	62.38	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	34934	4.16	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	220855	26.29	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	5391	0.65	-24120	-2.87
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00%	839976	100.00%
(I) Equivalent Availability		7.78		100.00
(J) Output Factor		57.60		102.87
(K) Heat Rate		13,140		9,965

* Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	686,947	650,712
(C1) Capacity Factor	83.18	78.79
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	0
(D1) Scheduled Outages: percent of Period Hrs	0.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	72,243	27,805
(E1) Forced Outages: percent of Period Hrs	8.75	3.37
(E2) Net mWh Not Generated due to Partial Forced Outages	0	11
(E2) Forced Derates: percent of Period Hrs	0.00	0.00
(F) Net mWh Not Generated due to Economic Dispatch	66,650	147,311
(F) Economic Dispatch: percent of Period Hrs	8.07	17.84
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	91.25	96.63
(I) Output Factor (%)	91.16	85.25
(J) Heat Rate (BTU/NkWh)	9,056	9,211

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2012
Marshall Steam Station

		Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A)	MDC (mWh)	380	380	658	660
(B)	Period Hrs	744	744	744	744
(C1)	Net Generation (mWh)	76,799	159,950	365,452	386,661
(D)	Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E)	Equivalent Availability	90.31	98.75	94.71	99.56
(F)	Output Factor (%)	58.54	61.57	78.70	78.74
(G)	Capacity Factor	27.16	56.58	74.65	78.74

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

December 2012
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	556
(B)	Period Hrs	744
(C1)	Net Generation (mWh)	-2,968
(D)	Net mWh Possible in Period	413,664
(E)	Equivalent Availability	57.46
(F)	Output Factor (%)	0.00
(G)	Capacity Factor	0.00

Note:

This report is limited to capturing units in full months of commercial operation. Cliffside unit 6 was placed into service on December 30, 2012. During the month of December 2012, Cliffside unit 6 produced 168,280 mWh of pre-commercial and commercial generation combined.

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
January 2012 - December 2012
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8784		8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	6701974	90.19	7537005	101.42	6408501	86.24
(D1) Net MWH Not Gen Due To Full Scheduled Outages	589282	7.93	0	0.00	1111221	14.95
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	19514	0.26	1082	0.01	52836	0.71
(E1) Net MWH Not Gen Due To Full Forced Outages	155672	2.09	22994	0.31	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-35178	-0.47	-129817	-1.74	-141294	-1.90
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7431264	100.00%	7431264	100.00%	7431264	100.00%
(I) Equivalent Availability		89.31		99.57		84.90
(J) Output Factor		100.23		101.74		101.40
(K) Heat Rate		10,256		10,158		10,025

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
January 2012 - December 2012
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	10114042	104.67	7854110	81.29
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	1003200	10.38
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	1143	0.01	67742	0.70
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	1042690	10.79
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-452785	-4.68	-305342	-3.16
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9662400	100.00%	9662400	100.00%
(I) Equivalent Availability		99.99		78.08
(J) Output Factor		104.67		103.12
(K) Heat Rate		10,097		10,126

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
January 2012 - December 2012
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8784		8784	
(C1) Net Gen (MWH) and Capacity Factor	8767327	88.41	9061972	91.38
(D1) Net MWH Not Gen Due To Full Scheduled Outages	708673	7.15	734449	7.41
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	27712	0.28	30272	0.31
(E1) Net MWH Not Gen Due To Full Forced Outages	556247	5.61	314347	3.17
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-142823	-1.45	-223904	-2.27
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9917136	100.00%	9917136	100.00%
(I) Equivalent Availability		86.68		89.10
(J) Output Factor		101.33		102.18
(K) Heat Rate		10,094		10,022

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012 through December 2012

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,784	8,784
(C1) Net Generation (mWh)	7,685,065	6,305,060
(C1) Capacity Factor	78.82	64.67
(D1) Net mWh Not Generated due to Full Scheduled Outages	567,081	1,243,570
(D1) Scheduled Outages: percent of Period Hrs	5.82	12.75
(D2) Net mWh Not Generated due to Partial Scheduled Outages	40,005	56,080
(D2) Scheduled Derates: percent of Period Hrs	0.29	0.57
(E1) Net mWh Not Generated due to Full Forced Outages	275,243	36,741
(E1) Forced Outages: percent of Period Hrs	2.82	0.38
(E2) Net mWh Not Generated due to Partial Forced Outages	24,326	106,993
(E2) Forced Derates: percent of Period Hrs	0.25	1.10
(F) Net mWh Not Generated due to Economic Dispatch	1,158,520	2,001,796
(F) Economic Dispatch: percent of Period Hrs	11.88	20.53
(G) Net mWh Possible in Period	9,750,240	9,750,240
(H) Equivalent Availability	90.70	85.20
(I) Output Factor (%)	89.40	84.30
(J) Heat Rate (BTU/NkWh)	9,102	9,279

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012 through December 2012

Marshall Steam Station

		Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A)	MDC (mWh)	380	380	658	660
(B)	Period Hrs	8,784	8,784	8,784	8,784
(C1)	Net Generation (mWh)	1,078,626	1,370,510	3,263,260	3,902,223
(D)	Net mWh Possible in Period	3,337,920	3,337,920	5,779,872	5,797,440
(E)	Equivalent Availability	84.84	87.87	88.39	87.65
(F)	Output Factor (%)	66.21	67.78	74.44	76.70
(G)	Capacity Factor	32.31	41.06	56.46	67.31

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

January 2012 through December 2012

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	554
(B)	Period Hrs	8,784
(C1)	Net Generation (mWh)	1,144,368
(D)	Net mWh Possible in Period	4,872,192
(E)	Equivalent Availability	89.57
(F)	Output Factor (%)	70.96
(G)	Capacity Factor	23.49

Note: This report is limited to capturing data beginning the first full month a unit is in commercial operation.

Cliffside unit 6 began pre-commercial operation in June 2012 and commercial operation on December 30, 2012. Cliffside unit 6 net generation (mWh) within the twelve month period was as follows:

June 2012:	1,496 mWh; pre-commercial
July 2012:	77,787 mWh; pre-commercial
August 2012:	212,376 mWh; pre-commercial
September 2012:	139,874 mWh; pre-commercial
October 2012:	(1,302) mWh; pre-commercial (auxiliaries only)
November 2012:	170,464 mWh; pre-commercial
December 2012:	168,280 mWh; pre-commercial & commercial combined

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
December 2012
Full Outage Hours

	Unit	MW	Scheduled	Unscheduled	Total
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	23.65	23.65
Catawba	1	1129	464.12	195.62	659.74
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

December 2012

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	0.00	0.00	0.00
Allen 2	162	0.00	0.00	0.00
Allen 3	261	89.50	0.00	89.50
Allen 4	276	36.02	0.00	36.02
Allen 5	266	187.83	0.00	187.83
Belews Creek 1	1,110	0.00	65.08	65.08
Belews Creek 2	1,110	0.00	25.05	25.05
Buck 5	128	11.33	1.75	13.08
Buck 6	128	0.00	0.00	0.00
Buck CC 10	620	0.00	0.00	0.00
Cliffside 5	556	316.50	0.00	316.50
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	45.42	45.42
Marshall 1	380	8.00	0.00	8.00
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	38.30	0.00	38.30
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	0.00	0.00	0.00
Rockingham CT1	165	19.58	707.68	727.27
Rockingham CT2	165	0.00	744.00	744.00
Rockingham CT3	165	31.50	685.47	716.97
Rockingham CT4	165	0.00	744.00	744.00
Rockingham CT5	165	7.70	0.00	7.70